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| INFORMATION DISCLOSURE STATEMENT | Applicants | Choo, et al. |
| | Application No. | Not yet assigned |
| | Filed: | September 23, 2005 |
| | For: | Array Panel 10/550480 |
| | Group Art Unit: | Not yet assigned |
| | Examiner: | Not yet assigned |
| | Attorney Docket No.: | 347269-992150 |

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| Commissioner of Patents and Trademarks P.O. Box 1450 Alexandria, VA 22313-1450 | |
| Dear Sir: | |
| In accordance with the provisions of 37 C.F.R. § 1.56(a) and 37 C.F.R. § 1.97, Applicant(s) hereby make of record the references listed on the accompanying Form PTO-1449 for consideration by the Examiner in connection with the examination of the above-identified patent application. | |
| This Information Disclosure Statement: | |
| (a) | <input checked="" type="checkbox"/> accompanies a new patent application submitted herewith. |
| (b) | <input type="checkbox"/> is filed within three (3) months of the Filing Date or before the mailing date of a First Office Action on the merits; OR |
| (c) | <input type="checkbox"/> after the period defined in (b) but before the mailing date of a Final Rejection or Notice of Allowance, OR |
| (d) | <input type="checkbox"/> is filed after the first Office Action and more than three months after the application's filing date or PCT national stage date of entry filing but, as far as is known to the undersigned prior to the mailing date of either a final rejection or a notice of allowance, and is accompanied by either the fee (\$180) set forth in 37 CFR § 1.17(p) or a certification as specified in 37 CFR § 1.97(e), as checked below OR |
| (e) | <input type="checkbox"/> is filed after the mailing date of either a final rejection or a notice of allowance, and the issue fee has not been paid, and is accompanied by the requisite petition fee (\$130) set forth in 37 CFR § 1.17(l)(1) and a certification as specified in 37 CFR § 1.97(e), as checked below. This document is to be considered as a petition requesting consideration of the information disclosure statement. |
| As required under § 1.97(e), Applicants, through the undersigned, hereby state either that [check the appropriate space]: | |
| (f) | <input type="checkbox"/> Each item of information contained in the Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of the Information Disclosure Statement; or |
| (g) | <input type="checkbox"/> No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the Information Disclosure Statement. |

It is respectfully requested that each of the references shown on the attached Form PTO-1449 be made of record in this application. A copy of the PCT Search Report, US Abstracts, and the cited Korean Publication No. 1020030016758 A are enclosed.

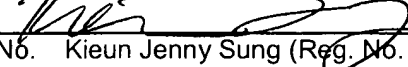
10/ 550480

The Commissioner is authorized to charge any deficiencies and credit any overpayment of fees to our Deposit Account No. 07-1896.

Respectfully submitted,

Date: September 23, 2005

DLA PIPER RUDNICK GRAY CARY US LLP

By: 
Reg. No. Kieun Jenny Sung (Reg. No. 48,639)
Attorneys for Applicant(s)
2000 University Avenue
East Palo Alto, CA 94303
650-833-2121

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September 23, 2005
Date


Susan Pingue

Rec'd PCT/PTO 23 SEP 2005

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| Form PTO-1449 U.S. DEPT. OF COMMERCE Patent and Trademark Office INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) | Attorney Docket Number: 347269-992150 | Serial Number: Not yet assigned 10/ 550480 |
| | Applicant: Choo, et al/ | |
| | Filing date: September 23, 2005 | Group art unit: Not yet assigned |

U.S. PATENT DOCUMENTS

| Examiner Initial | Patent number | Date | Name | Class | Sub-class | Filing date if appropriate |
|------------------|-----------------|---------|--------------|-------|-----------|----------------------------|
| | 2003-0222311 A1 | 12-2003 | Kim | | | |
| | 2003-0075718 A1 | 04-2003 | Jang, et al. | | | |
| | 2003-0038241 A1 | 02-2003 | Choo, et al | | | |
| | 2002-0084419 A1 | 07-2002 | Choo, et al | | | |
| | 2002-0149318 A1 | 10-2002 | Jeon, et al | | | |
| | 2003-0043104 A1 | 03-2003 | Lee, et al. | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document number | Date | Country | Class | Sub-class | Translation | |
|------------------|-----------------|---------|---------|-------|-----------|---------------|----|
| | | | | | | YES | NO |
| | 1020030016758 A | 03-2003 | KR | | | Abstract only | |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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| | PCT Search Report corresponding to the related PCT/KR2004/000718 filed on March 30, 2004. |
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| Examiner: | Date Considered: |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP '609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant. | |